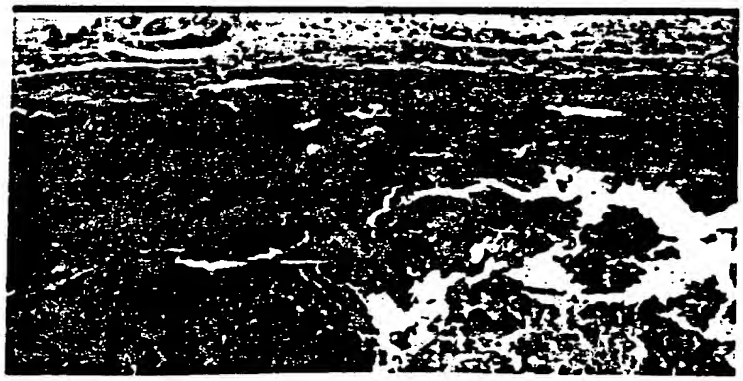
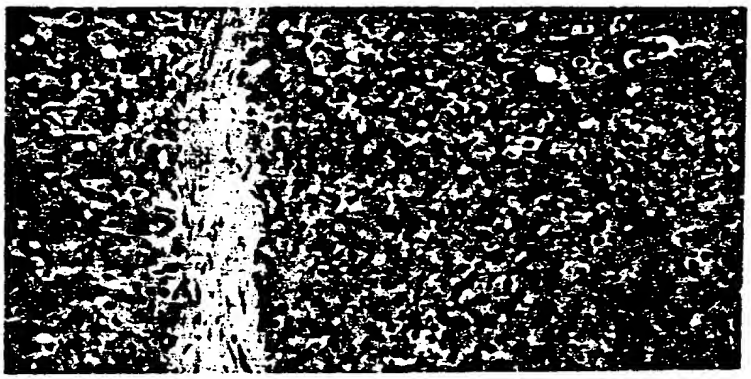
FIGURE 1



1A



1B

FIGURE 2

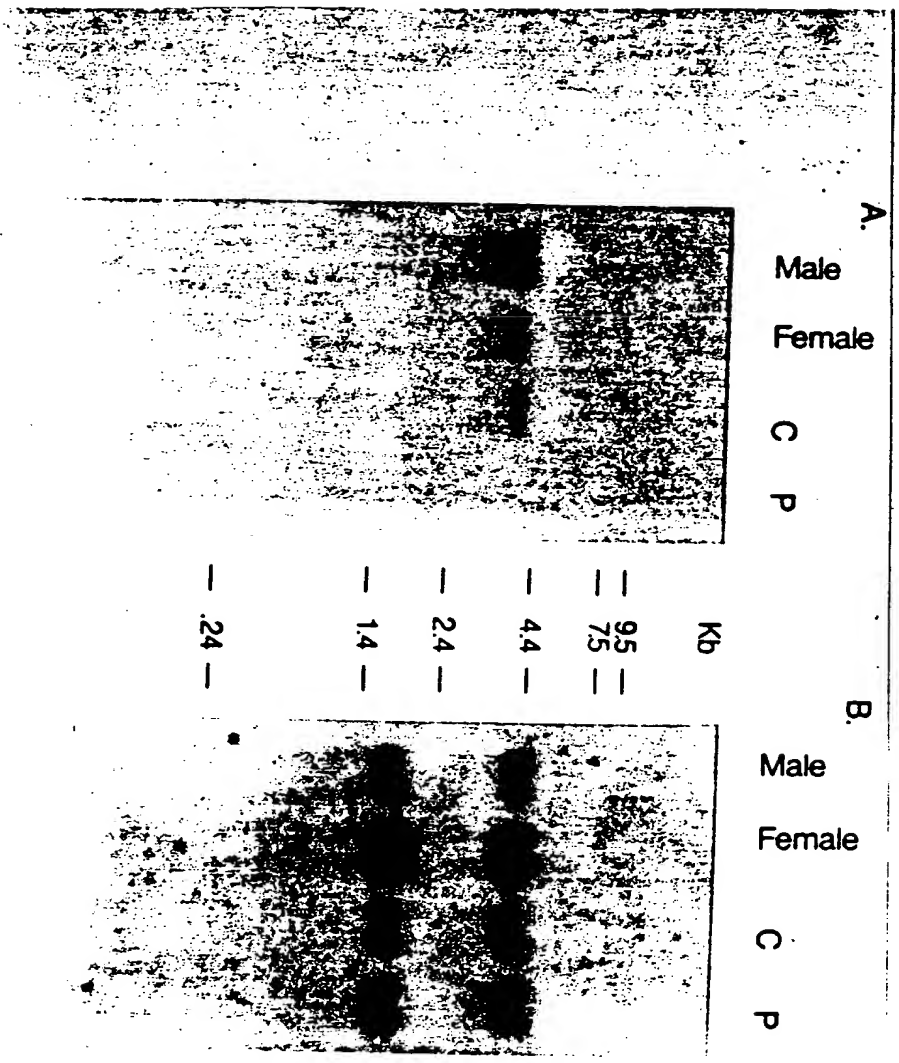
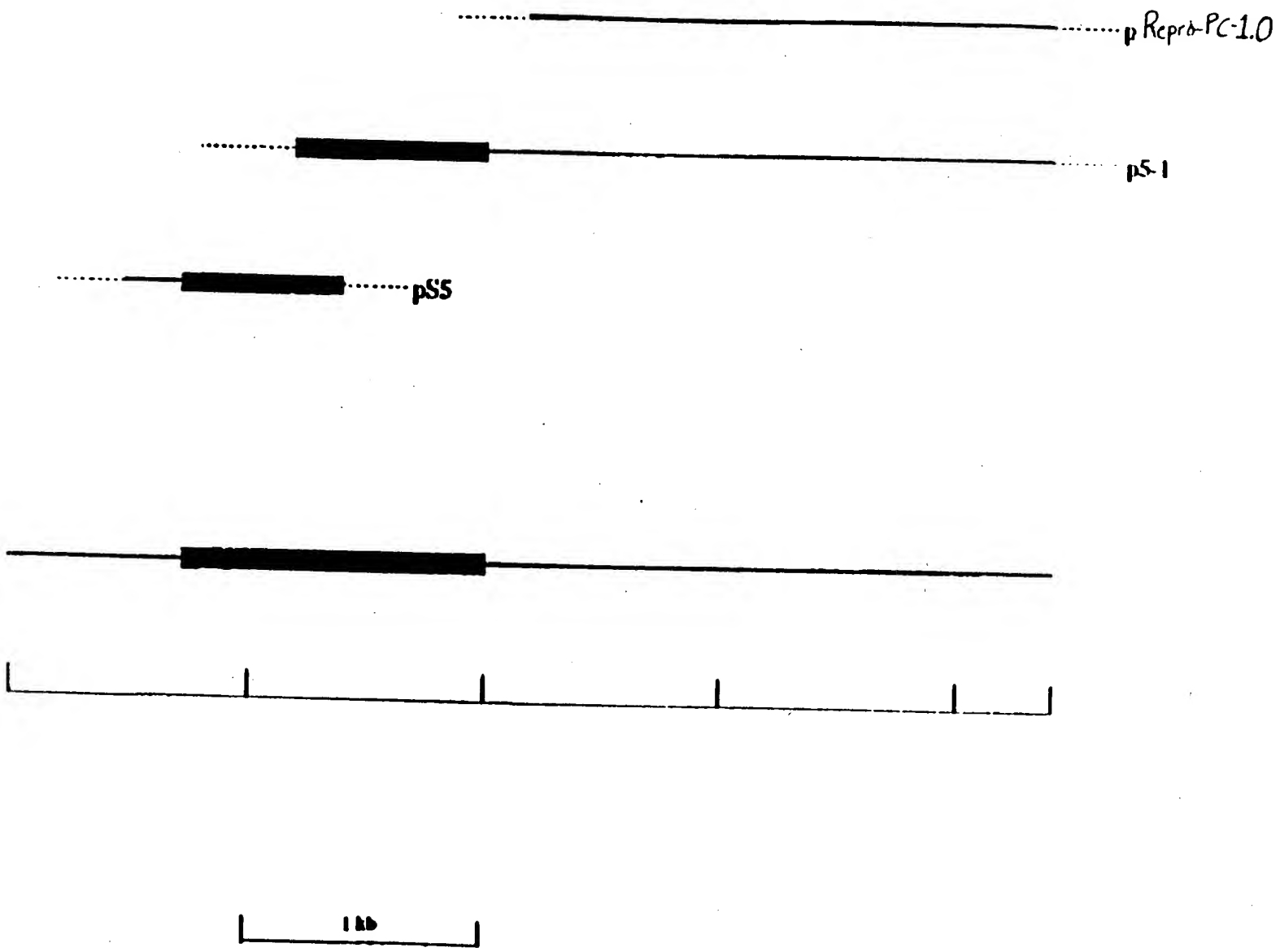


FIGURE 3



DO NOT TRANSFER

FIGURE 4

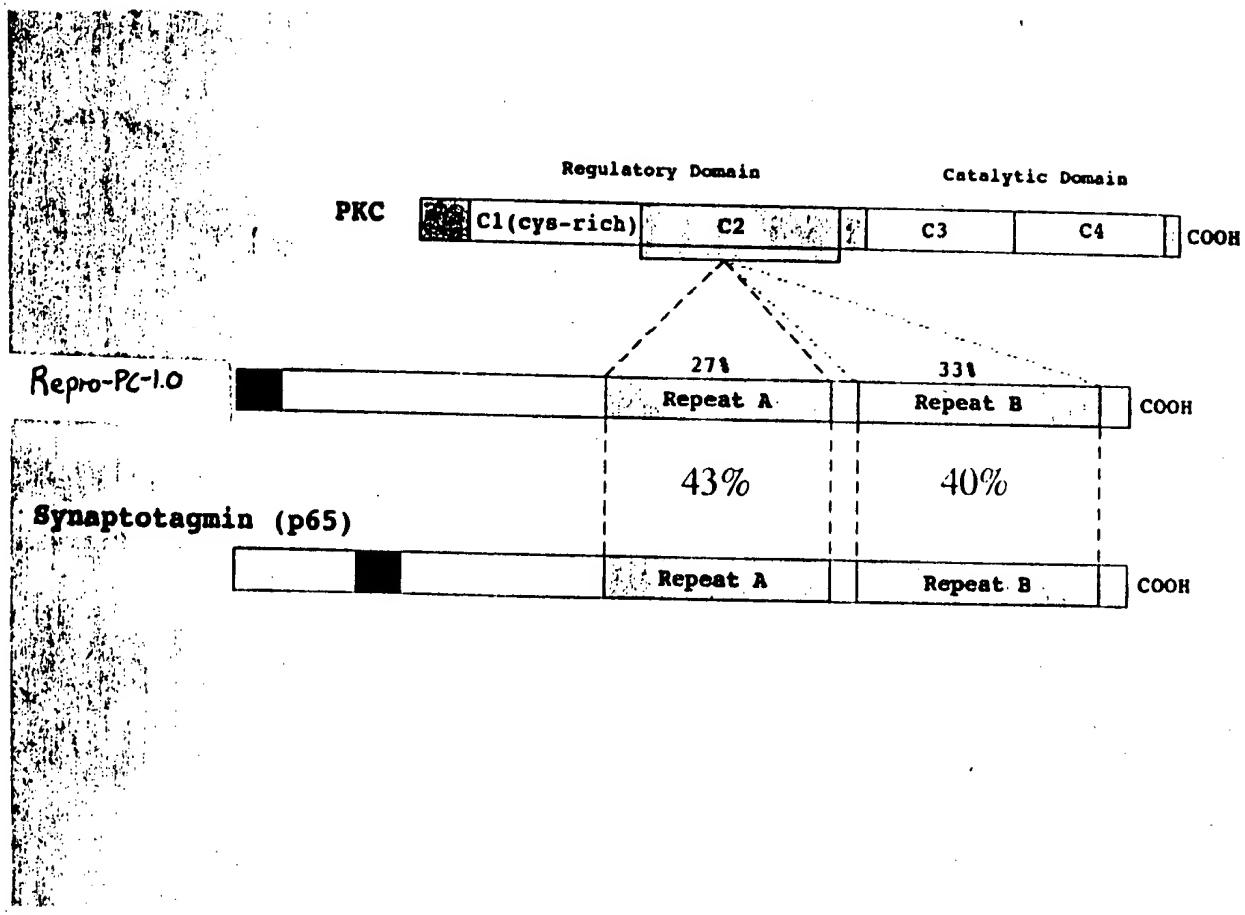


FIGURE 5

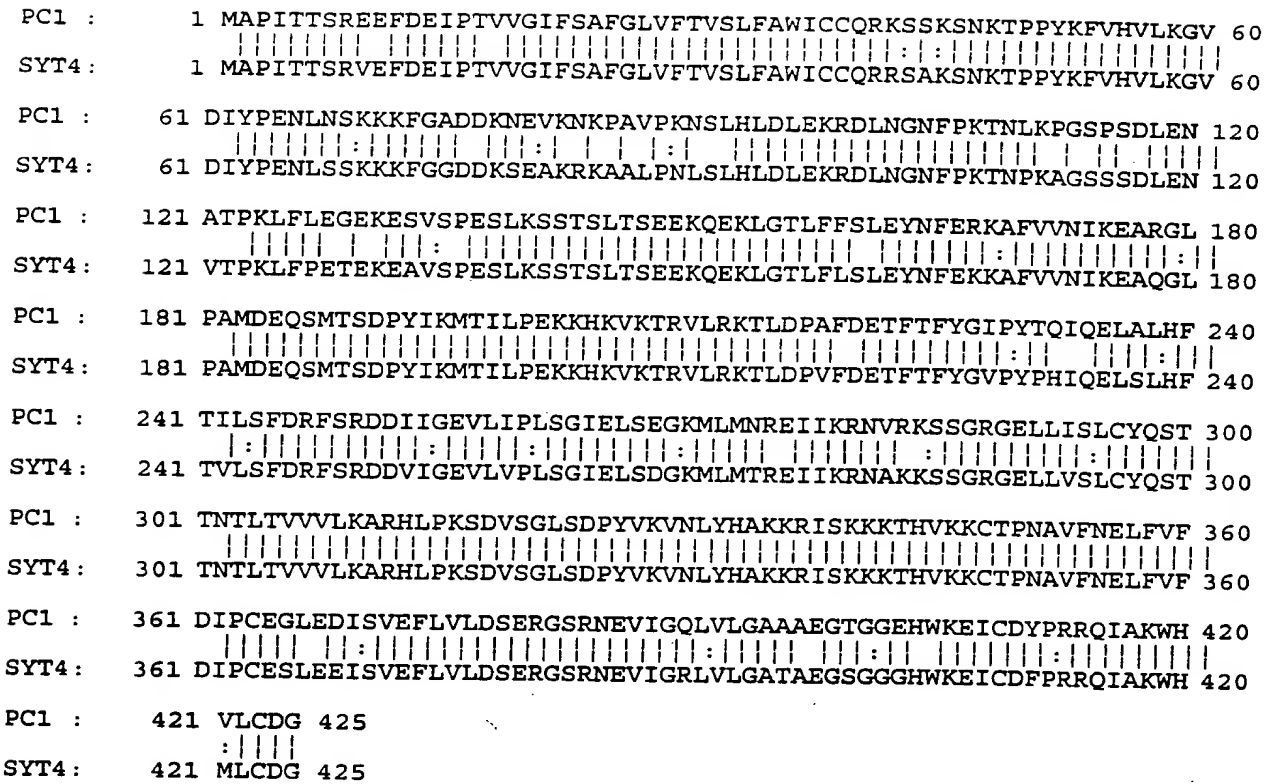
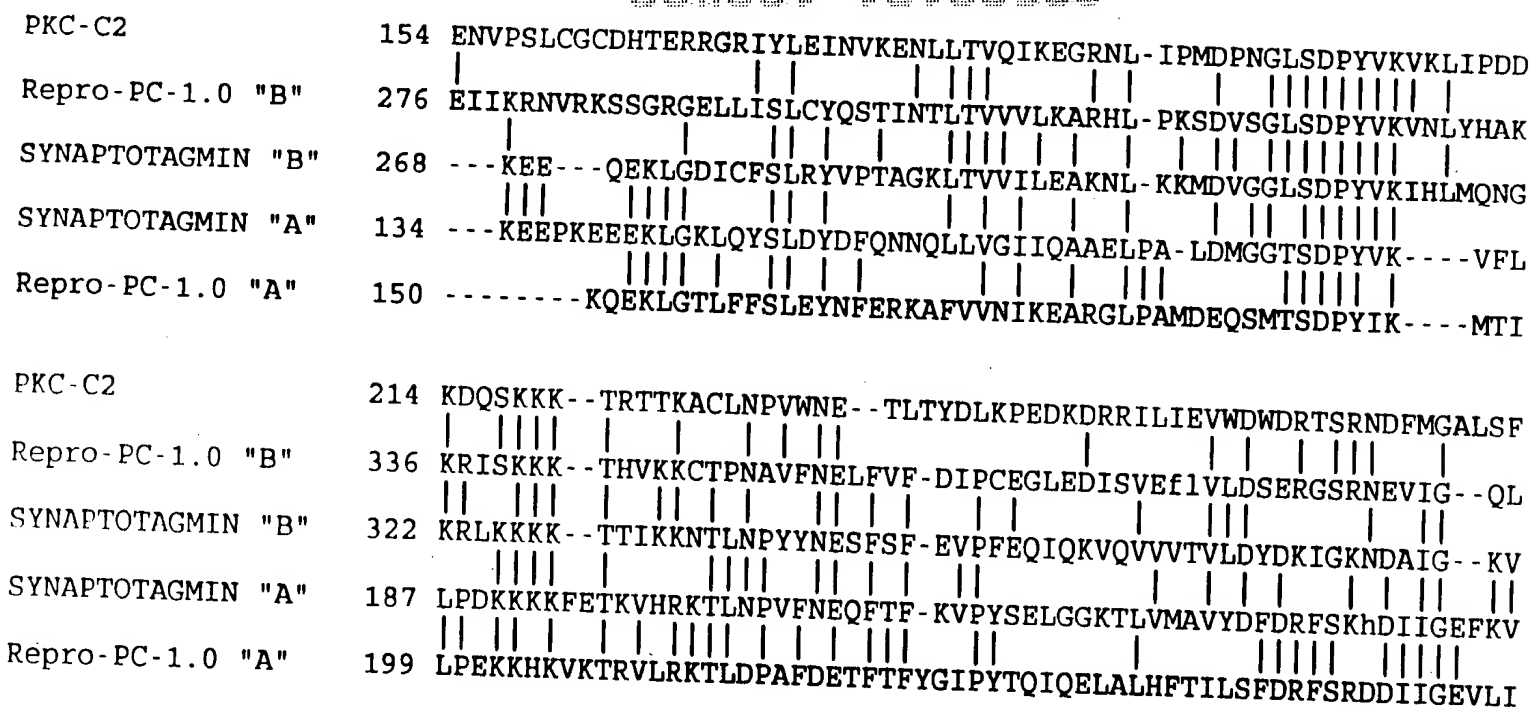

PC1 : 1 MAPITTSREEFDEIPTVVGIFSAFGLVFTVSLFAWICCQRKSSKSNKTPPYKFVHVLKGV 60
SYT4: 1 MAPITTSRVEFDEIPTVVGIFSAFGLVFTVSLFAWICCQRRSAKSNKTPPYKFVHVLKGV 60
PC1 : 61 DIYPENLNSKKKFGADDKNEVKNKPAVPKNSLHLDLEKRDLNGNFPKTNLKPGSPSDLEN 120
SYT4: 61 DIYPENLSSKKKFGGDDKSEAKRKAALPNLSLHLDLEKRDLNGNFPKTNPKAGSSSDLEN 120
PC1 : 121 ATPKLFLEGEKESVSPESLKSSTSLTSEEKQEKLGTLFFSLEYNFERKAFVVNIKEARGL 180
SYT4: 121 VTPKLFPETEKEAVSPESLKSSTSLTSEEKQEKLGTLFLSLEYNFEKKAFVVNIKEAQGL 180
PC1 : 181 PAMDEQSMTSDPYIKMTILPEKKHKVKTRVLRKTLDPAFDETFTFYGIPYTQIQELALHF 240
SYT4: 181 PAMDEQSMTSDPYIKMTILPEKKHKVKTRVLRKTLDPVFDETFTFYGVPYPHIQELSLHF 240
PC1 : 241 TILSFDRFSRDDIIGEVLIPLSGIELSEGKMLMNREIIKRNVRKSSGRGELLISLCYQST 300
SYT4: 241 TVLSFDRFSRDDVIGEVLVPLSGIELSDGKMLMTREIIKRNAKKSSGRGELLVSLCYQST 300
PC1 : 301 TNTLTVVVLKARHLPKSDVSGLSDPYVKVNLYHAKKRISKKKTHVKKCTPNAVFNELFVF 360
SYT4: 301 TNTLTVVVLKARHLPKSDVSGLSDPYVKVNLYHAKKRISKKKTHVKKCTPNAVFNELFVF 360
PC1 : 361 DIPCEGLEDISVEFLVLDSERGSRNEVIGQLVLGAAAEGTGGEHWKEICDYPRRQIAKWH 420
SYT4: 361 DIPCESLEEISVEFLVLDSERGSRNEVIGRLVLGATAEGSGGGHWKEICDFPRRQIAKWH 420
PC1 : 421 VLCDG 425
SYT4: 421 MLCDG 425

FIGURE 6


PKC-C2
154 ENVPSLCGCDHTERRGRIYLEINVKENLLTVQIKEGRNL-IPMDPNGLSDPYVKVKLIPDD
Repro-PC-1.0 "B"
276 EIIKRNVRKSSGRGELLISLCYQSTINTLTVVVLKARHL-PKSDVSGLSDPYVKVNLYHAK
SYNAPTOTAGMIN "B"
268 ---KEE---QEKLGDICFSLRYVPTAGKLTVVILEAKNL-KKMDVGGLSDPYVKIHLMQNG
SYNAPTOTAGMIN "A"
134 ---KEEPKEEEKLGKLQYSLDYDFQNNQLLVGIIQAAELPA-LDMGGTSDPYVK----VFL
Repro-PC-1.0 "A"
150 --------KQEKLGTLFFSLEYNFERKAFVVNIKEARGLPAMDEQSMTSDPYIK----MTI
PKC-C2
214 KDQSKKK--TRTTKACLNPVWNE--TLTYDLKPEDKDRRILIEVWDWDRTSRNDFMGALSF
Repro-PC-1.0 "B"
336 KRISKKK--THVKKCTPNAVFNELFVF-DIPCEGLEDISVEf1VLDSERGSRNEVIG--QL
SYNAPTOTAGMIN "B"
322 KRLKKKK--TTIKKNTLNPYYNESFSF-EVPFEQIQKVQVVVTVLDYDKIGKNDAIG--KV
SYNAPTOTAGMIN "A"
187 LPDKKKKFETKVHRKTLNPVFNEQFTF-KVPYSELGGKTLVMAVYDFDRFSKhDIIGEFKV
Repro-PC-1.0 "A"
199 LPEKKHKVKTRVLRKTLDPAFDETFTFYGIPYTQIQELALHFTILSFDRFSRDDIIGEVLI
PKC-C2
271
Repro-PC-1.0 "B"
392 VLGAA
SYNAPTOTAGMIN "B"
378 FVGYN
SYNAPTOTAGMIN "A"
247 PMNTVDF
Repro-PC-1.0 "A"
260 PLS